

## Lower Eastern Shore Air Monitoring Project – February 2026 Summary

### February 2026 Data Summary for NH<sub>3</sub>

**MDE 1-hour screening level = 350 ppb**

Parameter	Site	Average hourly value (ppb)	Median hourly value (ppb)	Maximum hourly value (ppb)	Minimum hourly value (ppb)
NH <sub>3</sub>	Baltimore Co. NR (Urban, no poultry operations)	7.9	7.8	22.4	-2.4
	Princess Anne (Low poultry operation density)	2.5	2.3	10.4	-0.4
	Pocomoke City (High poultry operation density)	6.9	4.7	82.8	1
	Harmony (High poultry operation density)	5.1	4.6	22.7	0.5

### February 2026 Data Summary for PM<sub>2.5</sub>

**NAAQS PM<sub>2.5</sub> 24-hour standard = 35 µg/m<sup>3</sup>**

Parameter	Site	Average 24-hr value (µg/m <sup>3</sup> )	Median 24-hr value (µg/m <sup>3</sup> )	Maximum 24-hr value (µg/m <sup>3</sup> )	Minimum 24-hr value (µg/m <sup>3</sup> )
PM <sub>2.5</sub>	Lake Montebello (Urban, no poultry operations)	12.7	13.8	22.1	4.2
	Princess Anne (Low poultry operation density)	7.5	6.6	20.5	2.1
	Pocomoke City (High poultry operation density)	6.6	5.6	17.7	2
	Harmony (High poultry operation density)	9	8	21.5	2.6

NAAQS: National Ambient Air Quality Standards

### February 2026 Data Summary for PM<sub>10</sub>

**NAAQS PM<sub>10</sub> 24-hour standard = 150 µg/m<sup>3</sup>**

Parameter	Site	Average 24-hr value (µg/m <sup>3</sup> )	Median 24-hr value (µg/m <sup>3</sup> )	Maximum 24-hr value (µg/m <sup>3</sup> )	Minimum 24-hr value (µg/m <sup>3</sup> )
PM <sub>10</sub>	Lake Montebello* (Urban, no poultry operations)	NA	NA	NA	NA
	Princess Anne (Low poultry operation density)	9.1	7.9	22	2.7
	Pocomoke City (High poultry operation density)	8.4	7.5	19.4	3
	Harmony (High poultry operation density)	12.7	12.1	26.9	3.8

NAAQS: National Ambient Air Quality Standards

\* PM<sub>10</sub> measurements began at Lake Montebello on January 17, 2022, where measurements are taken using an FRM manual filter method. Data are included in the project-to-date summaries. Preliminary data - subject to change.